

Case Study: Software Engineering

The work we did, enabled Patrick (name fictionalized per request) to land multiple jobs, including at Microsoft.

»»» Here's what Patrick had to say about our work:

[Redacted]  · 2nd

Software Engineer

[Redacted] was Fatima's client

I am a graduate student and I was actively looking for full-time opportunities. Though my skills were matching 100% with the job description I was not getting any calls. Though we have good experience in some technology, we cannot articulate it. Fatima helped me in articulating those skills and experience. She focused on my relevant skills and streamlined my resume to prove my result oriented approach. Now, I am getting 2 times more interview calls than before. Working with Fatima was a really good experience. Her communication skills and effective writing impressed me. I will highly recommend Fatima for her resume writing services.

His backstory:

Patrick had recently completed his Master's and was looking for software development roles. But he was having a hard time getting any interviews.

His resume seemed all right at first glance. However, it had some readability issues and lacked critical keywords. More importantly, the first few lines were not optimized at all.

Here is what we did:

- 1 Created a strong visual center (top section). Highlighted his key skills backed by quantified achievements.
- 2 Optimized the resume with keywords. Exemplified critical keywords with results-driven accomplishments.
- 3 Improved readability and structure with an ATS-friendly format vetted by 3000+ recruiters.

Where is he now?

Soon after the resume revamp, Patrick started getting interviews for well-reputed companies, including Google. He went on to land a job as a Software Developer at Paycom.

A few years later, Patrick returned to us for a resume update. After this, he got a Software Engineer job at Microsoft. He currently works at HealthTech Solutions.

[Redacted] <...> 

to Fatemah ▼



Hello Fatemah,

I read the resume and LinkedIn profile. Resume looks damn impressive now. Thank you so much.

I have updated my LinkedIn profile, it looks awesome now.

Warning: The resume pages ahead have been saved as images in order to protect Patricks' work as well as our work from being copied and indexed. As a result, uploading this exact file into an Applicant Tracking System will not work. If you are interested in hiring him, please email us at contact@careertuners.com.

Here's the resume we made for him:

PATRICK ROSS

951.284.5404 | contact@careertuners.com | Irvine, CA 92618 | [LinkedIn](#)

Creates optimized software solutions by using test-driven design methods, implementing agile processes, and supporting applications.

Software Development | Agile Methodology | Data Mining | Software Testing | Object-Oriented Design | Cloud Computing

- **Enhances software applications:** Improved mobile responsiveness and functionality by 70% by debugging code and introducing receipt download via email after checkout at Bobcat Books.
- **Supports automation processes:** Contributed to an 85% increase in operational efficiency at the Texas State University by developing software to track employee information and provide faculty access to lab settings.
- **Optimized software system implementation** at Caterfox by 60% by developing data-driven solutions and analytics functionality.
- **Technical Skills:** JAVA, Python, C++, C, PHP, HTML, C#, Spring, Flask, Angular 4.0, Laravel5.3, NodeJS, JavaScript, ASP .NET, AWS, JUnit, GitHub, MySQL, Oracle 11g, REST API, JSON, MongoDB, Windows, Linux, Elasticsearch.

EDUCATION

MS in Computer Science, Texas State University | GPA: 3.4/4.0 2018

BE in Electronics and Telecommunication, University of Pune 2015

Training Courses: Advanced Artificial Intelligence, Operating Systems, Design & Analysis Data Base, Data Structures and Algorithms.

SOFTWARE DEVELOPMENT PROJECTS

- **JTeam – Project Management Software:** Improved workflow by developing an ORM-based ticketing system, that facilitated task assignment. Created visual representation features of statistics through graphs and charts. Simplified project structure for 4 team members. Tools: Angular 4.0, Html, CSS, Java, Spring Boot, JPA, Rest API, MySQL
- **Py-Articles & To-Do:** Facilitated knowledge sharing by developing a To-Do app for faculty. Increased usability by 20% by enabling easier password resetting. Tools: Angular 2.0, Python, Flask framework, SQL Alchemy, Restful API
- **Implementation & Analysis of Minmax & Alpha-Beta Algorithm for Connect-4:** Improved program run-time by developing an evaluation function that reduced number of steps required to reach goal node. Optimized algorithm code by 40% and delivered project on time despite recurrent coding errors. Tools & Processes: Java, Minmax, Eclipse IDE, Alpha-Beta Algorithm.
- **Recommender System for Cancer Detection & Treatment:** Minimized treatment time of a patient by developing a recommender system in C++ that detected 30 cancer types. Introduced a data logging facility with a user-friendly interface.
- **BobcatBooks – Online Bookstore Website:** Enhanced user experience by designing a website for an online bookstore. Designed 8 features and trained 2 team members on software development techniques. Tools: Html, Javascript, PHP, MySQL.
- **Web Scraping:** Simplified product search for users by developing a web scrapping application using NodeJS. Displayed results based on highest to lowest ranking scores. Utilized the MongoDB indexing functionality to download and store 5,000 records.

PROFESSIONAL EXPERIENCE

Software Developer, Texas State University 2018 – Present

Developed educational software that facilitated lab monitoring for faculty. Designed forms for users to save and upload images on the back-end server. Recommended Hashmap for efficient image processing. Tools: Python, Flask, SQL, and Angular 4.0

Graduate Instructional Assistant, Texas State University 2017 – Present

Promoted an interactive learning environment for 7 batches of 22 undergraduate students each on C++ language best practices. Conducted regular lab sessions over the semester to assist students with coding.

Software Developer Intern, Caterfox 2017

Optimized the lead generation process by tracking number of leads for specific time periods. Designed custom filters for users to retrieve data through a database query. Recommended use of machine learning algorithms. Tools: PHP, Laravel Framework 5.3

Software Developer Intern, VSP Softtech Systems Pvt. Ltd. 2015 – 2016

Increased operational efficiency by 75% by developing a web application for tracking employee performance. Worked with a team of 6; improved user experience by 20% by modifying webpages according to client requirements. Tools: PHP, Apache Tomcat, MySQL

And here's the resume he was using before he worked with us...

Patrick Ross

951.284.5404 | contact@careertuners.com | Irvine, CA 92618
<https://www.linkedin.com/company/careertuners/>

EDUCATION

Master of Science - Computer Science [Expected Graduation: Aug 2018]
Texas State University, San Marcos, TX, US
[Artificial Intelligence, Data Mining, Data Structures, Algorithms, Operating Systems, GUI, Internet Info processing]

Bachelor of Engineering - Electronics and Telecommunication [Aug 2010 - May 2015]
University of Pune, Pune, India

TECHNICAL SKILLS

Programming Languages: JAVA, C++, C, HTML

Scripting/Frameworks: Spring, Maven, PHP, Pearl, Laravel5.3, NodeJS, Angular.js, JavaScript, AngularJS, CSS, JQuery

Other: AWS, MySQL, Apache, Tomcat, Oracle 11g, JSON, MongoDB, Linux, Windows, Git, GitHub, Solr, Scrum master

PROFESSIONAL EXPERIENCE

Instructional Assistant [Aug 2017 – Present]
Texas State University, San Marcos, TX

- Conducting Labs for Undergrad student. Responsible for teaching, grading, and tutoring of undergrad students.

Software Developer Intern [Jun 2017 – Aug 2017]
Radial Connect, Austin, TX

- Supported Caterfox (www.caterfox.com) application. Responsible for the analytics feature of version 2.0.
- Developed queries to retrieve data for the web-application and worked on MVC based Laravel framework 5.3.
- Created bar charts, pie charts and line charts to visually represent the data.

Software Developer Intern [Nov 2015 – Apr 2016]
VSP SoftTech Systems Pvt. Ltd., Pune, India

- Assisted in developing a web-application for monitoring employee performance and generating monthly reports.
- Wrote web service in PHP to connect with database. Modified web-application as per the client's requirements.
- Trained client to use new or modified ERP.

Project Coordinator Intern [Aug 2015 – Sept 2015]
Institute for Development of Skills and Employment, Pune, India

- Interacted with 30+ employers to established tie-ups with the companies for the placement of trainees of the project UDAAN, a central government undertaking. Assisted management committee with strategic planning, resulting in the launching of successful project.

PROJECT EXPERIENCE

Recommender System for Cancer Detection and Treatment [Aug 2017 – Oct 2017]

- Developed a recommender system which will detect the cancer type and suggest the best possible treatment without human intervention except the questions answered by the user.
- This system also has data logging facility with user friendly interface. [Github-Link](#)

BobcatBooks- Online Bookstore Website [July 2017 – Present]

- E-commerce based website to purchase Books. Website is build using PHP, MySQL, HTML and Javascript.
- Features: Account registration, login, update account, search book, add to shopping cart, remove from cart, checkout, help, contact.

Web Scrapping Project [May 2017 – Present]

- Using NodeJS script, approx. 5000 records from ebay website are scrapped and JSON file is created. Also, it will save the records in NoSQL MongoDB database. By indexing the documents user can search for the products. Search results are populated from highest ranking score to lowest ranking score. Furthermore, statistics of the products availability are displayed using charts on the front end. [Github-Link](#)

"LexiCo" – Search Engine [March 2017 – March 2017]

- LexiCo is a simple web and local search app. Web search is implemented using Google Custom Search API. For local search, Apache Solr is used with HTML and PHP on the front end. List of 5000 songs is indexed and text search facility is provided. Search results are populated based on ranking scores. For each query of local search results with meta description and few other fields are displayed. Detailed results are obtained in a new tab by clicking on a respective search result. [Github-Link](#)

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